

NOV 16 2004

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/607,814
	Filing Date	06/27/2003
	First Named Inventor	Jason Harrison Arjavac
	Art Unit	1762
	Examiner Name	Timothy Howard Meeks
	Attorney Docket Number	F134
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks 		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Michael Scheinberg Law Firm		
Signature	<i>Michael O. Scheinberg</i>		
Printed name	Michael O. Scheinberg		
Date	16 Nov 2004	Reg. No.	36,919

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Margarita Marquez-Escalona</i>		
Typed or printed name	Margarita Marquez-Escalona	Date	16 NOV 2004

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PTO/SB/17 (10-04v2)
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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete If Known

Application Number 10/807,814
Filing Date 06/27/2003
First Named Inventor Jason Harrison Arjavac
Examiner Name Timothy Howard Meeks
Art Unit 1762
Attorney Docket No. F134

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-1635

Deposit Account Name Michael O. Scheinberg

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 88	2201 44	Independent claims in excess of 3	
1203 300	2203 150	Multiple dependent claim, if not paid	
1204 88	2204 44	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1603 680	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 780	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

SUBMITTED BY

Name (Print/Type) Michael O. Scheinberg

Signature *Michael O. Scheinberg*

Registration No (Attorney/Agent) 36,919

(Complete if applicable)

Telephone (512) 328-9510

Date NOV. 16, 2004

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PTO/SB/17 (10-04v2)

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**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 180.00**Complete if Known**

Application Number	10/607,814
Filing Date	06/27/2003
First Named Inventor	Jason Harrison Arjavac
Examiner Name	Timothy Howard Meeks
Art Unit	1762
Attorney Docket No.	F134

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

50-1635

Michael O. Scheinberg

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

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SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

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 Independent Claims - 3** = X =
 Multiple Dependent =

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SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 85	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1063 130	1053 130	Non-English specification	
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1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00**SUBMITTED BY**

Name (Print/Type) Michael O. Scheinberg

Registration No. 36,919

(Complete if applicable)

Telephone (512) 328-9510

Signature

[Signature]

Date

NOV. 16, 2004

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NOV 16 2004

Attorney Docket No.: F134

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.: 10/607,814 ART UNIT: 1762

APPLICANT(S): Jason Harrison Arjavac, Liang Hong,
Henri Lezec, Craig Matthew Henry and
John Anthony Notte IV

FILING DATE: June 27, 2003 EXAMINER: Timothy Howard Meeks

TITLE: Proximity Deposition

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Va 22313-1450

Pursuant to the guidelines for Information Disclosure Statements, 37 C.F.R. §§ 1.97-1.98, attached hereto is Form PTO/SB/08A (one sheet) with references listed for consideration by the Office.

In accordance with 37 C.F.R. §§ 1.97(g)-(h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or an admission

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8

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P.O. Box 1450
Alexandria, VA 22313-1450

On: November 16, 2004

By: Margarita Márquez-Escalona
Name: Margarita Márquez-Escalona

Attorney Docket No.: F134

that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed after the mailing of a first Office action, and before the mailing date of any final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and is accompanied by the fee set forth in § 1.17(p.).

Respectfully submitted,

Date: 16 Nov. 2004

By: 

Michael O. Scheinberg
Patent Reg. 36,919
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Austin, Texas 78716-4140
Telephone: (512) 328-9510
Facsimile: (512) 306-1963

PTO/SB/DBA (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/607,814
Filing Date	06/27/2003
First Named Inventor	Jason Harrison Arjavao
Art Unit	1762
Examiner Name	Timothy Howard Meeks
Attorney Docket Number	F134

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document; by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 07 6811

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (InCL7)
X	US 5 885 354 A (FROSIEN JUERGEN ET AL) 23 March 1999 (1999-03-23) * column 2, line 62 - column 3, line 3; figure 2b *	1-4,7,8, 10-12,15	C23C16/04 H01J37/317
A	WO 03/012551 A (MUSIL CHRISTIAN R ; FEI COMPANY (US); CHANDLER CLIVE (US); DA XIADONG) 13 February 2003 (2003-02-13) * paragraphs '1011!', '1075!' *	1-26	
A	WO 02/44079 A (KAITO TAKASHI ; SEIKO INSTR INC (JP)) 6 June 2002 (2002-06-06) * paragraph '0035!' *	1-26	
P.A	-& US 2003/161970 A1 (KAITO TAKASHI) 28 August 2003 (2003-08-28) * the whole document *		
A	US 2001/045525 A1 (MAST KARL D VAN DER ET AL) 29 November 2001 (2001-11-29) * the whole document *	1-26	
A	WO 01/25504 A (JAPAN SCIENCE & TECH CORP ; MATSUI SHINJI (JP)) 12 April 2001 (2001-04-12) * the whole document *	1-26	TECHNICAL FIELDS SEARCHED (InCL7) C23C H01L H01J
E	-& US 6 758 900 B1 (MATSUI SHINJI) 6 July 2004 (2004-07-06) * the whole document *	1-26	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 28 September 2004	Examiner Castagné, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date C : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPF FORM 1-03 (3.02) (PUB.01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 04 07 6811

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

28-09-2004

Patent document cited in search report		Publication date	Parent family member(s)	Publication date
US 5885354	A	23-03-1999	DE 4340956 A1	08-06-1995
			JP 3230180 B2	19-11-2001
			JP 7192685 A	28-07-1995
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			WO 0154163 A1	26-07-2001
			EP 1210723 A1	05-06-2002
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			WO 0125504 A1	12-04-2001

EPO FORM P-489

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82